



Functional Independence Mathematics

Official Released Items

Grade 6

**Fall 2008
Official Released Items**

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The Grade 6 Functional Independence Mathematics Assessment was administered for the first time in Fall 2005. Beginning with this administration, the Office of Educational Assessment and Accountability (OEAA) will annually release a portion of the items that are administered on the assessment. This booklet contains released items from the Fall 2008 administration and is intended to be used by districts to assist in their interpretation of item analysis data. The information contained in this booklet may also be used by schools, teachers, and parents as a resource for understanding the content and format of the assessment items. In addition to MI-Access training materials and Extended Grade Level Content Expectations (EGLCE), the released items may also have utility in informing decisions related to instruction, curriculum, and assessment. These items are **not** secure and may be copied and distributed as needed.

The table below lists the number of core and released items administered on the Fall 2008 Grade 6 assessment booklet. Core items are those that count toward students' scores. All released items in this booklet were selected from the pool of core items that appeared on the assessment.

Functional Independence Mathematics Grade 6

Mathematics Strand	Number of Core Items
Numbers and Operations	18
Measurement	12
Geometry	2
Data and Probability	3
Total Core Items/Points	35
Released Items	10 (Numbers vary by strand and topic.)

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DIRECTIONS: Read each question. Choose the **BEST** answer for each question.

R1 Which tool can be used to find the height of a doorway?

- A** ruler
- B** calendar
- C** thermometer

R2 Mary is ice skating outside.

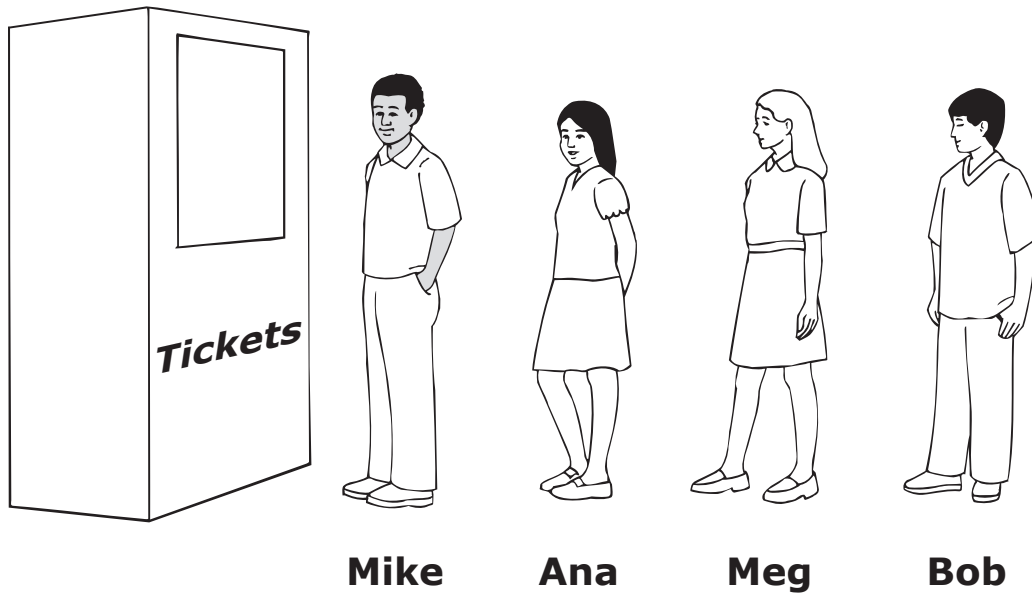
What temperature **might** it be?

A 24°F

B 68°F

C 87°F

Use the picture below to answer question **R3**.



R3 Who is standing in **front** of Ana?

- A** Meg
- B** Bob
- C** Mike

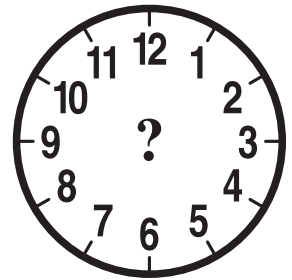
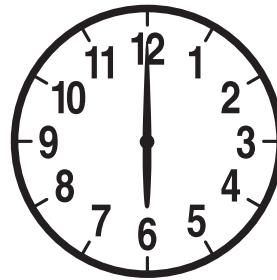
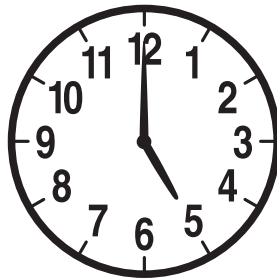
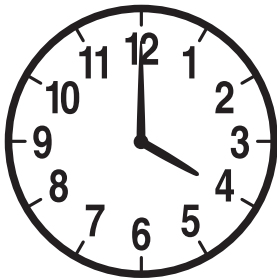
Use the bills below to answer question **R4**.



R4 How much money is shown?

- A** \$21
- B** \$41
- C** \$61

Use the clocks below to answer question **R5**.



R5 Which clock comes **next** in the pattern?

A 7:00

B 4:00

C 3:00

Use the table below to answer question **R6**.

Dog Walking

Day	Number of Walks
Monday	2
Tuesday	3
Wednesday	2
Thursday	4
Friday	2

R6 Ed has a new dog.

He walks the dog every day.

On what day did he walk the dog the **most**?

- A** Tuesday
- B** Thursday
- C** Friday

R7 Which is another way to show the number 895?

A $8 + 9 + 5$

B $800 + 90 + 5$

C $80 + 9 + 5$

R8 Which list is ordered from **smallest** to **largest**?

A 236, 270, 301

B 270, 301, 236

C 301, 236, 270

R9 Which number goes in the box?

$$27 - 8 = \square$$

- A** 19
- B** 21
- C** 35

R10 Gary has 75 marbles.

Wendy has 67 marbles.

Ben has 55 marbles.

How many **more** marbles does Gary have than Ben?

A 20

B 12

C 8



Do Not Continue.



Do not continue until instructed to do so.

Below is a list of the Extended Grade Level Content Expectations (EGLCE) for each released item found in this booklet. The chart contains the EGLCE code, a brief description of what is measured, and the correct answer for each released item.

Because the assessment was administered during the **fall** of the school year, only content from the *previous* grade level was measured on the assessment. For example, items eligible for the Grade 6 assessment will measure the Grade 5 EGLCE.

Full descriptions of the EGLCE contained in the chart below are available for review and download at **www.mi.gov/mi-access**.

Released Item Number	EGLCE Code	STRAND or Abbreviated Extended GLCE Descriptor	Answer Key
		DATA AND PROBABILITY	
R6	D.RE.05.FI.EG02	Draw predictions and conclusions from data	B
		GEOMETRY	
R3	G.LO.05.FI.EG02	Use relative position of objects on a plane and in space	C
		MEASUREMENT	
R1	M.UN.05.FI.EG01	Use standard tools for measurement	A
R2	M.UN.05.FI.EG04	Approximate temperature	A
R4	M.PS.05.FI.EG11	Tell the amount of money in dollars and cents	B
R5	M.PS.05.FI.EG08	Solve one-step word problems	A
		NUMBERS AND OPERATIONS	
R7	N.ME.05.FI.EG02	Recognize representations for whole numbers to 10,000	B
R8	N.ME.05.FI.EG06	Compare and order numbers to 10,000	A
R9	N.MR.05.FI.EG13	Solve simple open sentences for +/-	A
R10	N.MR.05.FI.EG15	Select numbers to solve problems	A



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